

# Curriculum Integration: Math in CTE

January 9-10, 2008 • Mitchell, SD

## Session Overview:

The Math-in-CTE research project conducted by the National Research Center for Career and Technical Education showed that high school students who participate in a math-enhanced CTE curriculum develop a better understanding of mathematical concepts than do their counterparts who participate in the traditional CTE curriculum. Moreover, they improve their math skills without losing important technical skills.

Multiple sources of data from the study also revealed five core principles which will be covered in this workshop.

- 1) Develop and sustain a community of practice.
- 2) Begin with the CTE curriculum, not the math curriculum.
- 3) Understand math as an essential workplace skill.
- 4) Maximize the math in CTE curricula.
- 5) Recognize CTE teacher as teachers of math-in-CTE, not as math teachers.

## Schedule at a Glance:

Jan. 9: 8 a.m. - 9 a.m. - Registration and check in; 9 a.m. - 4 p.m. - Training

Jan. 10: 9 a.m. - 4 p.m. - Training

## Presenter:

Ivy Alford, Director, State Services for School Improvement, High School That Work Initiative

## More Information:

For more information about the Curriculum Integration: Math in CTE Post-conference, please contact Kari Bender at (605) 773-4736 or via e-mail at [kari.bender@state.sd.us](mailto:kari.bender@state.sd.us).

## Curriculum Integration: Math in CTE Registration Form

Registration Deadline: Dec. 19, 2007

Name: \_\_\_\_\_

Subject/Program Area Taught: \_\_\_\_\_

School: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email: \_\_\_\_\_

Registration form and the \$50 registration fee should be returned via mail to: ATTN: Faith Ellis, South Dakota Department of Education, 700 Governors Drive, Pierre, SD 57501. Checks must be made payable to East Dakota Consortium. Registration is also available online at [www.southdakotapd.com](http://www.southdakotapd.com).

**Sponsored by:** Office of Career & Technical Education, S.D. Association for Career & Technical Education, High Schools That Work and Tech Prep.



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